

- (b) (5) AIA (b) (5) CMA (b) (5) DPP (b) (5) EPP (b) (5) FPP
5. Enables users to establish the circumstances, intervals and distribution lists that are to be applied to reports derived from the invention's analysis and comparison of importing documents;
6. Enables users to establish rules and standards to used as the basis of differentiating, clarifying, correcting and eliminating redundancies associated with objects and object relationships derived from importing documents prior to their being archived in the invention's document object model archive;
- 10 7. Enables users to establish circumstances, characteristics and criteria, derived from the invention's analysis and comparison of importing documents and relating to user-established rules and standards, whereupon object and object relationship differentiation, clarification, correction and redundancy elimination will be effected by manual or automated means;
- 15 8. Enables users to access, view, edit, manipulate, replace, print, compile and download objects and object relationships contained in the invention's document object model archive;
9. Enables users to establish security-related privileges and rules effecting the invention's allowing or disallowing individual users or groups of users to access, view, edit, manipulate, replace, print, compile and download objects and object relationships and the invention's generated reports contained in the invention's document object model archive;
- 20 10. Enables users to establish circumstances, characteristics and criteria associated with instances of user's accessing, viewing, editing, manipulating, replacing, printing, compiling and downloading archived objects and object relationships to be contained in reports generated, distributed and archived by the invention to facilitate managing the invention's use;
- 25 11. Enables users to establish circumstances, characteristics and criteria associated with instances of user's editing, manipulating, replacing,

- 5
- 10
- 15
- 20
- 25
- 30
- compiling and downloading archived objects and object relationships to be contained in reports generated, distributed and archived by the invention to facilitate the management of object and object relationship versions over time; and
12. Enables users to establish rules and standards for the number of instances of user's editing, manipulating, replacing, compiling and downloading archived objects and object relationships that are to be retained in the invention's import reconciliation records.
- In a packaging context, a system that embodies the invention provides efficiencies from the early phase of packaging design development through platemaking and/or cylinder engraving. The present system improves efficiency by reducing redundancies and rework which encumber known systems. Benefits include:
1. Automatically identifies cylinders and plates from previously produced packaging SKUs, which can be used to reduce turnaround time and cost in the printing of new packaging projects.
  2. Automatically identifies color separation document components from previously produced packaging SKUs, which can be used to reduce turnaround time and cost in color separating new packaging projects.
  3. Automatically identifies artwork assembly document components from previously produced packaging SKUs, which can be used to reduce turnaround time and cost in executing assemblies for new packaging projects.
  4. Automatically reconciles newly executed designs to established design standards and reproduction specifications, which eliminates time consuming and costly rework and print re-runs.
  5. Allows for the automatic application of work effort for single documents, across multiple documents in a project or through out the

- archive, which can radically reduce turnaround time and cost in executing document edits and projects.
6. Automates execution of mid-production text edits, which can eliminate the principal time consuming cause of production work stoppage and rework.
- 5
7. Allows customer and services process participants to concurrently execute work Effort on different components of a single or multiple documents.
- 10
8. Allows for the automatic conversion of print-graphics documents to Internet standard documents.

Fig. 1 is a diagram of a system 10 in accordance with the present invention. In the exemplary embodiment of Fig. 1, system 10 includes a server 12 which is coupled to mass storage devices indicated generally at 14. The mass storage devices 14 used to store the document archive discussed subsequently as well as executable instructions for processing documents or files in accordance with the invention.

15 A local user's computer 18 can be coupled to server 12 via a local area network. Computer 18 has associated therewith a display 20a, which might include a touch screen as well as conventional mouse/keyboard 20b. As discussed subsequently, the local user's display 20a can be used for reviewing and evaluating files or documents which have been parsed by the system 10 as part of an importing process.

20 Coupled to server 12 is one or more output devices 22 which could be implemented as one or more printers, or other output devices, without limitation. As discussed in more detail subsequently, a local user at computer 18 can not only review parsed documents, or files, but can also carry out a one-to-many editing process of object-oriented data stored in archive 14. Subsequently, via executable instructions, the corresponding document or file can be recompiled from the various 25 linked object-oriented elements for example, in any one of a plurality of available output languages, and, output to printer 22.